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PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/670,881
		Filing Date	September 25, 2003
		First Named Inventor	Kevin J. Yang, et al.
		Art Unit	2815
		Examiner Name	Edward J. Wojciechowicz
Total Number of Pages in This Submission	20	Attorney Docket Number	2000.008.00/US

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Supplemental Reply dated 1-27-05;
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Check No. 1522 for \$25.00;
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	3. Form PTO-2038; and
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	4. Return Postcard.
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Fields IP, PS (USPTO Customer No. 41894)		
Signature			
Printed name	Walter D. Fields		
Date	March 3, 2005	Reg. No.	37,130

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Sandi L. Jasper	Date	March 3, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 25.00

Complete if Known

Application Number	10/670,881
Filing Date	September 25, 2003
First Named Inventor	Kevin J. Yang, et al.
Examiner Name	Edward J. Wojciechowicz
Art Unit	2815
Attorney Docket No.	2000.008.00/US

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
 under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

Fee (\$) 50 Fee (\$) 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total Claims

Extra Claims Fee (\$) Fee Paid (\$)
82 - 20 or HP = 1 x 25.00 = 25.00

Multiple Dependent Claims

Fee (\$) Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims

Extra Claims Fee (\$) Fee Paid (\$)
8 - 3 or HP = 0 x 0 = 0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____	_____	/ 50 = _____ (round up to a whole number)	x _____	= _____

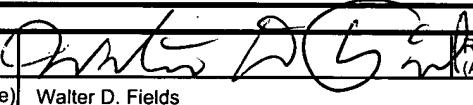
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

Fees Paid (\$)

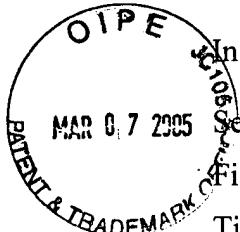
SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 37,130	Telephone 360-750-9936
Name (Print/Type)	Walter D. Fields		Date March 3, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

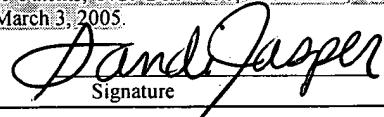


In re application of: Kevin J. Yang, et al.
Serial No.: 10/670,881
Filed: September 25, 2003
Title: Thyristor Device with Carbon
Lifetime Adjustment Implant and
its Method of Fabrication

§ Group Art Unit: 2815
§ Examiner: Edward J. Wojciechowicz
§ Confirmation No. 5762
§ Atty. Docket: 2000.008.00/US
§ Date: March 3, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
37 CFR 1.8
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Non-Fee Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 3, 2005.


Signature

**Response to Notices of
Non-Compliant Amendment and Fee Deficiency**

Dear Sir:

Applicants submit this response to the Notice of Non-Compliant Amendment dated February 7, 2005. A Supplemental Reply was submitted to the U.S. Patent and Trademark Office on January 27, 2005 (a copy of which is attached for reference), correcting informalities associated with the listing of a claim group of allowed claims 1-24 within the previously submitted amendment (dated January 13, 2005) responsive to the Office Action dated October 19, 2004.

In response to the Notice of Fee Deficiency, our Check No. 1522 in the amount of \$25.00 is also attached.

Applicants believe no additional claim fees are due in conjunction with this reply, but hereby authorizes the Commissioner to charge/credit applicants'/counsel's Credit Account as identified in the attached Credit Card Payment Form (PTO-2038) for any other fees that may be found necessary, which may include, e.g., extension of time fees or

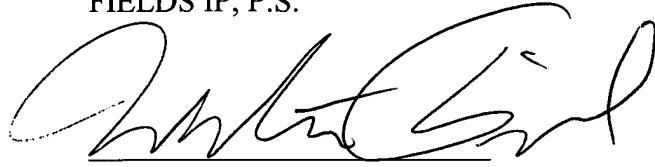
Appl. No. 10/670,881
Date: March 3, 2005
Reply to Notices of Non-Compliant Amendment and Fee Deficiency dated 02/07/2005
Docket No. 2000.008.00/US

excess claim fees as may be required to make this response timely and acceptable to the Patent Office.

Applicants respectfully request that a timely Notice of Allowance be issued in this case. If a discussion with the Examiner would be helpful, applicants encourage the Examiner to contact the undersigned directly at 360-750-9936.

Respectfully submitted,

FIELDS IP, P.S.

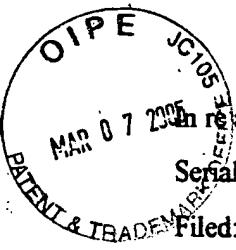


Walter D. Fields
Reg. No. 37,130

Fields IP, P.S.
601 Main Street, Suite 405
Vancouver, WA 98660-3414

Tel.: 360-750-9936
Fax: 360-838-0144

Attachments: 1. Supplemental Reply dated 1-27-05;
2. Check No. 1522 for \$25.00; and
3. Form PTO-2038.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kevin J. Yang, et. al.

Serial No.: 10/670,881

Filed: September 25, 2003

Title: Tyristor Device with Carbon Lifetime Adjustment
Implant and its Method of Fabrication

§ Group Art Unit: 2815
§ Examiner: Edward J. Wojciechowicz
§ Conf. No.: 5762
§ Atty. Docket: 2000.008.00/US
§ Date: January 27, 2005

COVER REQUESTING ENTRY OF SUPPLEMENTAL REPLY UNDER 37 CFR §1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COPY

Dear Examiner Wojciechowicz:

Associated with this communication in connection with the above identified application, applicants submit a supplemental reply for entry under

37 CFR §1.111 Reply by applicant or patent owner to a non-final Office Action

(2) *Supplemental replies.* (i) A reply that is supplemental to a reply that in compliance with § 1.111(b) will not be entered as a matter of right except as provided in paragraph (a)(2)(ii) of this section. *The Office may enter* a supplemental reply if the supplemental reply is clearly limited to:

- (A) Cancellation of a claim(s);
- (B) Adoption of the examiner suggestion(s);
- (C) Placement of the application in condition for allowance;
- (D) Reply to an Office requirement made after the first reply was filed;
- (E) Correction of informalities (e.g., typographical errors);

Applicants submit the supplemental reply to recite a grouping of previously allowed claims 1-24 in greater conformity with some formality requirements of 37 CFR §1.121. Further, applicants submit that this supplemental reply may be found to be limited to at least one of the provisions of 37 CFR §1.111 (2)(i)(A-E) as recited above, including to *correct informalities*; and that the Office may therefore accept entry of this supplement reply.

Respectfully Requested,

FIELDS IP, PS
601 Main Street, Suite 405
Vancouver, Washington 98660
Telephone: (360) 750-9936



Walter D. Fields
Reg. No. 37,130

January 27, 2005

DATED



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kevin J. Yang, et al.

Serial No.: 10/670,881

Filed: September 25, 2003

Title: Thyristor Device with Carbon
Lifetime Adjustment Implant and
its Method of Fabrication

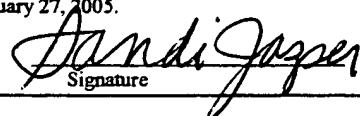
§ Group Art Unit: 2815
§ Examiner: Edward J. Wojciechowicz
§ Confirmation No. 5762
§ Atty. Docket: 2000.008.00/US
§ Date: January 27, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 27, 2005.


Sandi Japen
Signature

SUPPLEMENTAL REPLY

Dear Sir:

Applicants submit this supplemental reply for correcting informalities associated with the listing of a claim group of allowed claims 1-24 within the previously submitted amendment responsive to the Office Action dated October 19, 2004.

Applicants believe no additional claim fees are due in conjunction with this reply, but hereby authorizes the Commissioner to charge applicants'/counsel's Credit Account as identified in the attached Credit Card Payment Form (PTO-2038) for any other fees that may be found necessary, which may include, e.g., extension of time fees or excess claim fees as may be required to make this response timely and acceptable to the Patent Office.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.